United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

NPS OH 94

Reply To: 3410

Date: February 21, 1995

Mr. Steve Cinnamon
Integrated Pest Management Coordinator
USDI National Park Service
Midwest Region
1709 Jackson Street
Omaha, NB 68102-2571

Dear Mr. Cinnamon:

A summary of the 1983-1994 gypsy moth trapping program at two National Park Service sites within the Midwest Region is enclosed for your information (Table 1). The purpose of the trapping program is to monitor low level gypsy moth populations and help determine when more intensive survey methods should be employed.

This year no male gypsy moths were trapped at Hopewell Culture National Historical Site. Gypsy moths will not have any impact on the forest resources in the immediate future.

Gypsy moth catches at Cuyahoga Valley National Recreation Area have increased in total moths caught; however, the average moths per trap has decreased by 5 percent. There were 15 sites where trap catches exceeded 500 moths per trap; 31 sites had between 250 and 499 moths per trap; and 51 sites had between 100 and 249 moths per trap.

We recommend an egg mass survey be conducted at trap locations which had a catch greater than 250 male moths. This additional survey method will help identify any potential reproducing populations that may be present within the area of the trap site.

Thank you for your continued cooperation and if you have any questions regarding these results, please call me at (304) 285-1556.

Sincerely,

Karen D. Felton

KAREN D. FELTON
Forestry Technician
Forest Health Protection

Enclosure

cc: AO
Garree Williamson, Cuyahoga Valley NRA
Robert Petersen, Hopewell Culture NHS
Allen Baumgard, OHDA

KDF/mae

Table 1.--Summaries of the 1983-1994 gypsy moth trapping program at two USDI National Park Service sites, Midwest Region.

Cuyahoga Valley National Recreation Area (Cuyahoga and Summit Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	20	4	6,11,15,19
1984	20	0	--
1985	20	1	5
1986	20	30	1-3,5-10,12,14,16,29
1987	235	100	25%
1988	247	127	25%
1989	135	897	50%
1990	194	834	50%
1991	205	2,886	>75%
1992	187	6,054	All except 1,55,166,210
1993	159	30,651	75%
1994	182	33,262	>75%

Hopewell Culture National Historical Site (Rose County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	5	0	--
1984	5	0	--
1985	5	1	5
1986	5	0	--
1987	5	0	--
1988	6	0	--
1989	6	0	--
1990	6	0	--
1991	6	0	--
1992	10	0	--
1993	7	1	5
1994	7	0	--